

What is claimed is:

- 1) An object detection system, in particular for a motor vehicle (2),
wherein the object detection system (20) has multiple object detectors and/or operating modes with which different detection ranges and/or detection zones are detected.
- 2) The object detection system according to Claim 1,
wherein an object detector is a radar sensor which has a relatively large detection range (21) with a relatively small angular detection zone in a first operating mode and has a detection range (22) that is small relative to the first with an enlarged angular detection zone in a second operating mode or an expanded first operating mode.
- 3) The object detection system according to Claim 1 or 2,
wherein the object detection system (20) further includes an ultra short-range sensor which has a small detection range (23) and a large angular detection zone relative to the radar sensor.
- 4) The object detection system according to Claim 3,
wherein the ultra short-range sensor is an optical sensor, an ultrasonic sensor, or a radar sensor.
- 5) The object detection system according to one of the preceding claims,
wherein the object detection system includes, as an additional object detector, a video device (24) for lane detection and classification of the detected objects.
- 6) The object detection system according to Claim 5,
wherein the video device (24) is implemented as a stereoscopic camera or as a CMOS camera.